State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

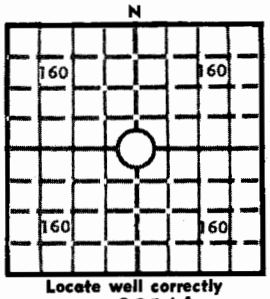
S. 36 T. 11S R. 31 E W

API No. 15 — 063 (County) — 20,297 (Number)

Loc. C SE SW

County Gove

640 Acres



Locate well correctly

Elev.: Gr. 2914'

DF _____ KB 2919'

Operator
Murfin Drilling Company

Address
617 Union Center, Wichita, Ks 67202

Well No.	Lease Name
1	BRUNGARDT

Footage Location
660 feet from (N) (S) line 660 feet from (E) (W) line SW/4

Principal Contractor	Geologist
Murfin Drilling Company	Roger Welty

Spud Date	Total Depth	P.B.T.D.
3/20/76	4285'	

Date Completed	Oil Purchaser

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/4"	8 5/8"	24#	225'	Sunset	225	

MAR 17 1976

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	bbls.	MCF	bbls.	CFPB

Disposition of gas (vented, used on lease or sold)	Producing interval(s)

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

C-10-1972

Operator	Murfin Drilling Company	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Dry Hole
Well No. 1	Lease Name BRUNGARDT	
S 36 T 11s R 31 E/W		

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
surface soil & sand		125	ANHY top	2438
cleatch and sand		180	base	2465
gray shale		245	TOPEKA	3703
shale & sand		1915	HEEBNER	3926
sandstone & sand		1970	TORONTO	3948
redshale & lime		2130	LKC	3956
shale		2425	BKC	4253
lime, shale		3145	LTD	4285
shale, lime, sand		3340		
lime, shale		3935		
lime		3970		
lime, shale		4010		
lime		4285		
TD		4285		

DST #1: 3928-70/30-30-30-30, 2100' SW s/Spotted, 1271-1271, FP 229-1045#.

DST #2: 3988-4070/30-30-30-30, 140' M, SIP 977-909, FP 69-119#.

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

Wm. S. Shropshire
Signature

Wm. S. Shropshire, Production Mgr.
Title

4/6/76
Date